

## Montrose Interagency Dispatch Center

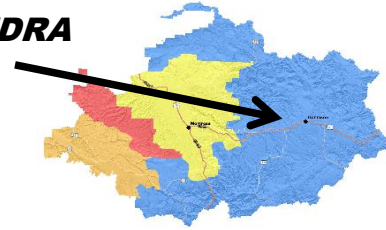
### Fire Danger Pocket Card for:

ERC - Fuel Model G - Short-Needle (Heavy Dead)

7/25/2019

Predicted

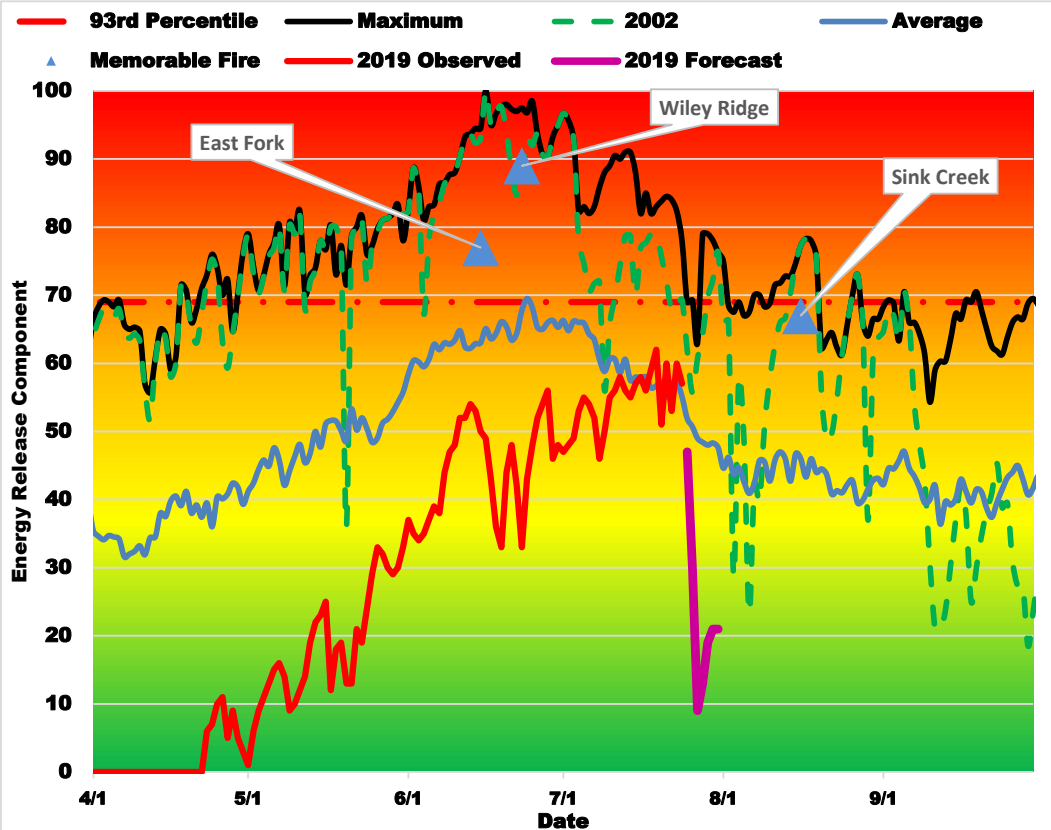
## High Elevation FDRA (in blue)



**High Elevation FDRA Local (Critical) Thresholds & Forecasts:** Any of these factors will significantly increase the risk for extreme fire behavior. The more factors present, the greater the risk (Orange highlighted fields in forecast days below). The Severe Fire Weather Potential Index compares ERC and BI percentiles per day and assigns an adjective. Severe conditions only occur when both the ERC and BI are above the 97th percentile for that day. Nearly all large fire days occur under Severe SFWP ratings.

Indicator	Critical Value	7/25	7/26	7/27	7/28	7/29	7/30	7/31
20-ft wind (mph)	10	10	6	10	10	8	9	8
Min. RH (%)	14	54	40	35	42	31	22	25
Max. Temp (°F)	72	71	72	71	72	74	74	75
50+ ac. ERC-g	69	47	30	9	13	19	21	21
50+ ac. BI-g	76	46	24	15	19	21	24	23
Severe Fire Weather Potential Index (wfas.net)		Low	Low	Low	Low	Low	Low	Low

**High Elevation Fire Danger Rating Area** large fires generally occur when ERC is 69 or greater in combination with other local threshold values. This mountainous FDRA contains rugged wilderness areas with numerous 14,000 peaks as well as the entire Gunnison Basin. Fuels range from sagebrush to Ponderosa and Lodgepole pine, aspen, mixed conifer, and spruce/fir at the highest elevations. Extensive insect and disease kill has impacted many high elevation timbered areas, resulting in high fuel loading which would be capable of generating extreme fire behavior and long range spotting under severe fire weather conditions.



High Elevation FDRA Memorable Fires							
Fire	Date	Size (ac.)	ERC	BI	RH (%)	Temp (°F)	Wind
Wiley Ridge	6/23/2002	1,084	89	86	10	74	7
Sink Creek	8/16/1996	340	67	67	19	74	6
East Fork	6/15/2013	447	77	84	10	74	10

### Fires which occurred under similar ERC & BI as forecast this week (Total Acreage Shown)

Fire	Date	Size (ac.)	ERC	BI	RH (%)	Temp (°F)	Wind
East Leon	9/5/2001	1	46	46	19	71	4
Saltado	7/14/1995	3	29	17	38	63	4
Round Mountain	9/9/2005	1	26	9	33	71	4
Fires <0.5 acre	--	--	--	--	--	--	--

### High Elevation FDRA Special Interest Group Information

RAWS (in SIG)	Number	Elevation	Data Years	FWZ	Fuel Model
Taylor Park*	52812	10,410	1994-2014	293	7G
Lujan*	54702	11,154	1994-2014	293	7G
Huntsman*	52813	9,230	1994-2014	293	7G
Needle Creek*	54704	8,990	2002-2014	293	7G

\* Station complies with NWCG Weather Station Standards (PMS 426-3)

